

LCD Projectors

CP-X3020/CP-X2520

HITACHI
Inspire the Next



Light, bright and easy to use.
The most suitable projectors for educational solutions.



Wide selection of features for small to medium size classrooms.



LCD Projector
CP-X3020
3,200 Lumens



LCD Projector
CP-X2520
2,700 Lumens



More Convenient Features

- Input Source Naming • Power Saving Mode • Low Noise of 28dB*1 (ECO Mode) • Audio Pass Through*2 • Blackboard or Whiteboard Modes at Picture Setting • Daytime Mode • My Button • 4-Second Quick Start • Direct Power On/Off • My Text • Resolution Preset and Custom Modes • Auto Vertical Keystone Correction • Serial No. Label on Side • Closed Caption • My Source/Document Camera Button on Remote Controller • Compatible with AMX Device Discovery
- *1 Typical. Tested in 23°C environmental conditions. *2 When in Normal mode at standby setting. It does not function in Saving mode.



3,200/2,700 Lumens High Brightness

Both projectors feature high brightness. The CP-X3020 has 3,200 lumens and the CP-X2520, 2,700 lumens.

2.2kg (4.9 lbs.) Light Weight

Even with all their functions, these projectors weigh only 2.2kg (4.9 lbs.).



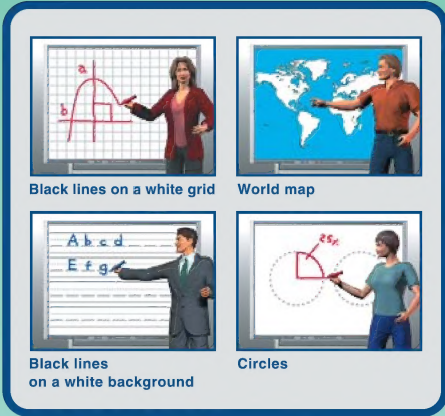
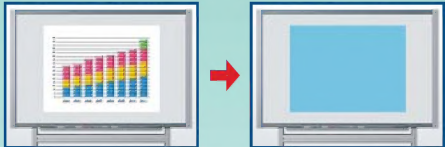
Built-in Front Air Exhaust

The CP-X3020 and CP-X2520 are designed to exhaust warm air from the front.



BLANK Button

Pressing the BLANK button on the projector lets you switch quickly to a blank screen for a moment. This button is also customizable, allowing you to assign a designated function from the MY BUTTON menu.



Template Function*

When projecting onto a whiteboard, blackboard, etc., this function projects a variety of images that overlay on a blank screen or any projected image. You can choose four types of lines, circles, and a world map with a center city that can be moved in 24-hour steps.

* Patent pending



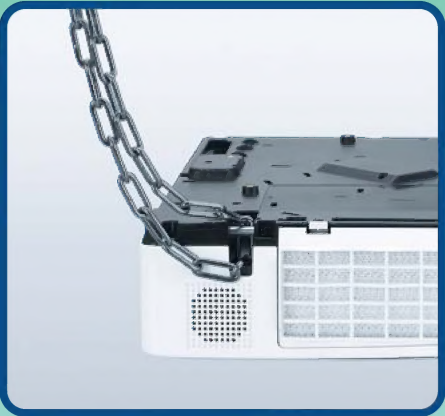
Easy Maintenance

The lamp door is on the top and the filter cover on the side, so maintenance and replacement can be done easily.

Hybrid Filter



The Hybrid Filter requires less frequent maintenance and cleaning, making longer operation possible.



Various Security Functions

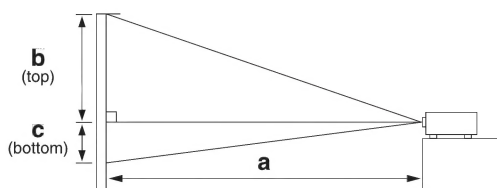
These projectors are equipped with a security bar that allows the attachment of a security chain. By using the PIN Lock, you can limit the number of users. The MyScreen function can be used to identify the owner, and is also protected by a PIN Lock. A Transition Detector can prevent unauthorized use of the projector.

SPECIFICATIONS

Model name	CP-X3020	CP-X2520
Liquid crystal panel	0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3	
Number of pixels	786,432 pixels (H1,024 x V768)	
Resolution	1,024 x 768 color pixels (XGA)	
Manual zoom	x1.2	
Lamp	200W UHB	
Light output (brightness)	3,200 Lumens	2,700 Lumens
Contrast ratio	500:1	
Audio	1W	
Keystone correction	Auto Vertical Keystone	
Power supply	AC100-120V/AC220-240V	
Operating temperature	5-35°C (41-95°F)	
Input signals	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC16", WXGA+	
Input/output terminals	Computer input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL
	Video input	HDTV: 720p@50/60, 1080i@50/60, 1080p@50/60 SDTV: 480i, 480p, 576i, 576p
	Audio input	S-Video: Mini Din 4-pin x 1, Composite video: RCA jack x 1, Component video: via D-sub x 2
	Computer input	Stereo Mini jack x 2
	Audio output	Analog RGB: 15-pin Mini-Dsub x 2
	Monitor output	Stereo Mini jack x 1
Agency certifications	UL/cUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, GOST-R	
	Dimensions (WxHxD)	306 x 77 x 221mm (12.05" x 3.03" x 8.7") [excluding protruding part]
	Weight	2.2kg (4.9 lbs.)
	Standard accessories	Computer cable, Remote Control, Batteries, Lens cover, Power cord, User's manual, Security label
Optional accessories	Lamp: DT01141, Filter set: UX36761, Laser remote control: RC-R008	

PROJECTION DISTANCE

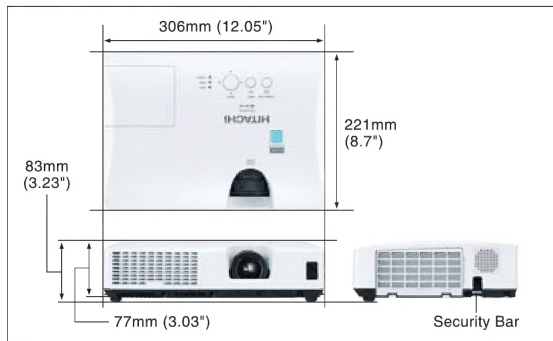
- a:** LCD projector-to-screen distance
b: Screen height from lens center to top
c: Screen height from lens center to bottom



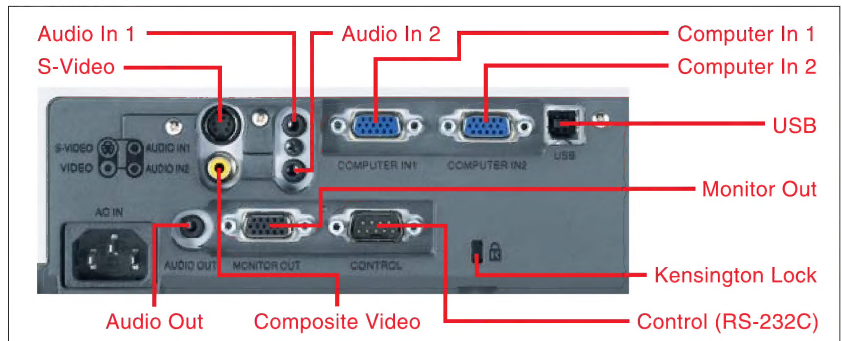
Screen Size (4:3 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.9m (35")	1.1m (42")	39cm (15")	7cm (3")
40 type (inch), 1.0m	1.2m (47")	1.4m (57")	52cm (21")	9cm (3")
50 type (inch), 1.3m	1.5m (59")	1.8m (71")	65cm (26")	11cm (4")
60 type (inch), 1.5m	1.8m (71")	2.2m (85")	78cm (31")	13cm (5")
70 type (inch), 1.8m	2.1m (83")	2.5m (100")	91cm (36")	15cm (6")
80 type (inch), 2.0m	2.4m (95")	2.9m (114")	105cm (41")	17cm (7")
90 type (inch), 2.3m	2.7m (107")	3.3m (128")	118cm (46")	20cm (8")
100 type (inch), 2.5m	3.0m (119")	3.6m (143")	131cm (51")	22cm (9")
120 type (inch), 3.0m	3.6m (143")	4.4m (171")	157cm (62")	26cm (10")
150 type (inch), 3.8m	4.5m (179")	5.4m (215")	196cm (77")	33cm (13")
200 type (inch), 5.1m	6.1m (238")	7.3m (286")	261cm (103")	44cm (17")
250 type (inch), 6.4m	7.6m (298")	9.1m (358")	327cm (129")	54cm (21")
300 type (inch), 7.6m	9.1m (358")	10.9m (430")	392cm (154")	65cm (26")

• Tolerance ±8% (for projection distance a) • Final specifications may vary slightly.

DIMENSIONS



TERMINALS



Consideration for the Environment

■ Compliance with EU Directive RoHS*1

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

■ Reduction of resin usage in production

Use of hot runners in molds for making upper housing in order to reduce mill ends.

■ Reduction of CO2 emissions

Carton volume has been cut down to 71%*2, reducing CO2 emissions during transport.

*2 Compared to Hitachi CP-X2511 projector on the basis of one carton box.

■ Power saving mode engaged during standby

■ ECO mode

ECO mode provides power saving.

• Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.



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